Hippu zukai ichi (A Soldier’s Illustrated Guide, Volume 1) Gunshi zen (Military Terminology, Part One)
Zukai (Illustrations). Also includes indications of where seals were placed in the original. This military science manual is a copy made by Imaeda Naokata (1653-1728), the chief minister of the wealthy and powerful Kaga domain. The original was created by Arisawa Takesada (1682-1739), a member of a family of military historians and also famous for writing the first treatise on surveying in Japan. He began Hippu zukai in the winter of 1707 and completed it in the summer of 1708. Imaeda borrowed the books in the intercalary second month of 1716 and completed his copy in the fifth month of that year.
Hippu no shō (A Soldier’s Gleanings). Also includes indications of where seals were placed in the original.
Forward by Arisawa Takesada. Arisawa explains that Hippu zukai is the illustrated companion volumes to Heihōnukigaki Hippu no shō, or Excerpted Soldier’s Gleanings of Military Science, which was a manual written by his father, the famous military historian Arisawa Nagasada (1638-1715), in 1689. Takesada also produced a volume entitled Hippu no shō shikai, or Personal Elucidation of A Soldier’s Gleanings, in 1699. Hippu zukai is meant to be an even more clear illustrated version of Takesada’s other writings.
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Gunshi no maki zen (Military Terminology Volume, Part One). Also includes indications of where seals were placed in the original.
Preparation in two formations. The lines are labeled as yin (top) and yang (bottom).
Preparation from previous page when in battle. Again, labeled yin (bottom) and yang (left). The top line (white) represents enemy troops.
Heaven/yin (top), earth/yang (middle), men (bottom).
One line formation, with on-duty troops at top and off-duty at rear. Two line formation, with on-duty troops on right, off-duty at left.
Encampment entrance. Gate parts all labeled.
Shino bamboo fence shown from outside and inside.
Shino bamboo fence shown from outside and inside.
Troop formation with large empty space in vanguard called sotobari.
Encampment shown bordered by embankments and signal fires.
Encampment shown bordered by embankments and signal fires.
Main signal fire—signal fire protected by mounded earth (hon-kagari). Main signal fires were tended by assigned troops (low-ranking foot soldiers).
Abandoned, or unattended, signal fire (sute-kagari). Signal fires left to burn out by themselves, usually close to the edge of encampments (approximately 220-550 meters from the encampment) along routes the enemy may take. Meant to provide light in order to see the approach of enemy troops at night.
Layout of main encampment.
Watchtower.
偏数
Framework for a guard post.
Encampment banners.
Javelin arrangement.
Mountain encampment with rear entrance.
Mountain encampment with side entrance.
Placement of troops within a mountain encampment.
Placement of troops within a mountain encampment.
Castle on level ground.
Castle on level ground.
Castle on a mountain.
Castle on a mountain.
Castle on a leveled hill.
Castle on a leveled hill.
Demarcation (roping off) of encampment.
Inner courtyard of castle rear entrance. This refers to the area between inner and outer gates where troops gather.
Simplified view of castle rear entrance.
Inner entrance courtyard viewed from outside.
Inner entrance courtyard viewed from inside.
Outer entrance courtyards. Two designs for first and second gates.
Outer entrance courtyards. Two designs for first and second gates.
Another design for first and second gates.
View of warrior barracks and horse stables. These are general terms, however, for the open spaces inside and outside the main fortress gates.
Flat gate roof.
Storied gate roof.
Framework of gate.
Outer framework of gate.
Metal fittings for gate.
Framing of gate.
See-through gate.
Up-swing gate.
Side-by-side entrances.
Squared embankment.
Rounded embankment.
Intersecting embankment.
Arrowhead embankment.
Enclosed embankment.
Multi-layered embankments.
Paired embankments.
Interior embankments.
Embankments along castle slope.
Sideways and oblique embankments.
Second and third baileys.
微抄至卷自钞
Warrior quarters.
Designs for arrow holes in embankment walls.
Designs for arrow holes in embankment walls.
Barricade embankment.
Barricade wall.
Plants for obscuring view of castle.
Tower for obscuring view of castle.
Interior living quarters for the purpose of obscuring view of castle.
Earthen embankment.
Grass embankment.
Tall stone embankment.
Corner views of tall stone embankment.
Embarkment for troop movements.
Interior plan for troop movements.
“Dog path.” Exterior path for troop movements.
“Dog path” along tall stone embankment.
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